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(54) ORGANIC ELECTROLUMINESCENT
ELEMENT

nitrogen-containing heterocycle.

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(57) Abstract:

PROBLEM TO BE SOLVED: To provide an organic electroluminescent element with high brightness and excellent durability, enabled to illuminate with high efficiency.

SOLUTION: This organic electroluminescent element has an organic luminous layer, or an organic compound layer including the organic luminous layer, formed between a pair of electrodes on a substrate, and at least either the organic luminous layer or the organic compound layer contains a compound with a condensed heterocyclic skeleton with nitrogen atom in the condensed part, shown by formula 1 more specifically, for example, formula NT-7, and an ortho-metallized complex like iridium complex. In formula 1, X represents carbon or nitrogen, Z1, Z2 represent independently a group of atoms capable of forming a

